

µC Based Cold-room Temperature Controller



WTC-192-Cold

- Microcontroller based
- Cold room temperature display four digit
- Time Totalizer to measure motor on time in six digit, HHHH.MM
- Supply: 220 V Ac, 50Hz
- Input: (1)RTD PT-100 for cold room & (2) RTD PT-100 for Auxiliary fan
- Output: (1) Relay Contact for Motor, (2) Relay contact for Fan, (3)Relay Contact for Heater, (4)Buzzer Output & (5) Auxiliary fan Relay contact 10A
- High pressure Phase input & Low pressure Phase input sensing
- Cooling control
- Temperature as per range adjustable in set mode.
- Alarm setting 0 to +25.0 or -25.0c with respect to set temperature
- Alarm with mute facility by Mute key
- Cold room temperature Hysteresis (Difference) 0.2 to 20.0c adjustable
- Password facility for configuration mode to avoid unauthentic entry
- Delay Time 1 to 250 second adjustable
- Defrost on Time: 0 to 999 Minute adjustable, to bypass defrost cycle set defrost on time = 0000
- Defrost off Time: 1 to 9999 Minute adjustable
- Heater delay setting: 4 to 250 second
- Fan delay setting: 1 to 250 second
- Auxiliary fan temperature setting: -50.0 to 100.0c
- Auxiliary fan temperature Hysteresis (Difference) 0.2 to 20.0c adjustable
- Open display if Rtd (Sensor) break
- All Relay trip & give alarm if Rtd break or open
- Defrost on/off can be done manually with Defrost key.
- Heater on/off can be done manually with Heater Key
- When Heater on Manually Heater off after 10 minute automatically
- Cold room temperature indication error correction by front key
- Auxiliary fan temperature indication error correction by front key
- Time Totalizer reset facility
- Auxiliary fan temperature indication by pressing increment key

WAVE INSTRUMENTS LLP

L-45/9, Phase-3, Opp. Mazda Ltd., GIDC Naroda, Ahmedabad -382330, Gujarat – INDIA

☎ +91- 9722003425, ☎ +91-79-40043425, 📞 +91-7043003425

Email: waveinstruments@gmail.com, Website: <http://www.wavetronics.co.in>